

Amendments to the Claims

The following listing of claims is intended to replace all prior versions of claims in the application and includes all claims now active in the application, along with the status of each. In this listing, insertions are underlined, as follows: inserted text. Deletions are struck through in bold type, as follows: ~~deleted text~~.

1-9. (Canceled)

10. (Original) A turbomachine with active clearance control comprising:
a centrally disposed rotor;
at least one row of rotating blades extending radially from the rotor, and each of the rotating blades having a rotor blade tip;
a shell enclosing the rotor and rotating blades;
at least one stator carrier split along a splitline into a first segment and a second segment, with at least one row of stator blades extending centripetally from the first segment and from the second segment, the at least one stator carrier adjustably housed within the shell and each of the stator blades having a stator blade tip, and with stator seals centripetally disposed on the first segment and second segment; and
at least one displacement apparatus in operable communication with the first segment and the second segment, and the at least one displacement apparatus is configured to move the first segment and second segment radially away from each other thereby providing active clearance control to the rotor blade tips and the stator blade tips.

11. (Withdrawn) The turbomachine of claim 10, further comprising:
 - a plurality of axial actuators operatively coupled to the stator carrier and to the shell; and
 - wherein the plurality of axial actuators are configured to move the stator carrier axially with respect to the shell.
12. (Amended) The turbomachine of claim 10, wherein:
 - the first segment is split along a first splitline, and forms a first quad-segment and a second quad-segment;
 - the second segment is split along a second splitline, and forms a third quad-segment and a fourth quad-segment; and

the turbomachine further comprises:

 - at least one displacement apparatus which is in operable communication to the first quad-segment and to second quad-segment, and is configured to move the first quad-segment and the second quad-segment radially away from each other; and
 - at least one displacement apparatus which is in operable communication to third quad-segment and to the fourth quad-segment, and is configured to move the third quad-segment and the fourth quad-segment radially away from each other.

13-25. (Canceled)